

# ILLINOIS FARM REPORT



ILLINOIS  
AGRICULTURAL  
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U.S. DEPARTMENT OF AGRICULTURE

ILLINOIS DEPARTMENT OF AGRICULTURE

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## HIGHLIGHTS

NOVEMBER CROP REPORT

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BIOTECHNOLOGY VARIETIES

The staff of IASS wishes to thank the farmers, ranchers and agribusinesses that responded to the November Yield Survey, the October Milk Production Survey and the October Prices Received Survey. Your responses to these surveys are important to the agricultural community.

## NOVEMBER CROP REPORT

As of November 1, the Illinois corn for grain yield for 2004 is estimated at 180 bushels per acre, unchanged from the October 1 forecast and 16 bushels above the record set last year. At this level, total production for the state would reach a record 2.08 billion bushels, 15 percent more than the record level produced in 2003. Harvest of the crop had reached 86 percent complete by October 31 compared to 87 percent in 2003 and 89 percent for the five-year average. Above normal precipitation during the last three weeks of October caused the harvest pace to fall slightly behind normal by the end of the month.

The estimated yield for the Illinois soybean crop is a record 50 bushels per acre, up one bushel from the October 1 forecast, up 13 bushels from last year, and 4.5 bushels higher than the previous record set in 1994. Production is expected to total a record 493 million bushels, 30 percent above last year, and three percent greater than the previous record production set in 2001. The first half of October brought good harvest conditions but rains fell frequently during the remainder of the month slowing harvest to a crawl. As of October 31, 86 percent of the soybean crop had been harvested compared to 94 percent last year and 94 percent for the five-year average.

U.S. corn production is forecast at 11.7 billion bushels, up one percent from last month and 16 percent above 2003. Based on conditions as of November 1, the yield is expected to average 160.2 bushels per acre, up 1.8 bushels from October and 18.0 bushels above last year. If realized, both production and yield would be the largest on record. The previous records for both were set last year when production was estimated at 10.1 billion bushels and yield was 142.2 bushels per acre. Across the U.S., yields are forecast at record high levels in 19 of the 33 published corn states. With the exception of Wisconsin, yields in the Corn Belt States are forecast at record highs as weather conditions have been mostly favorable throughout the growing season.

Soybean production is forecast at 3.15 billion bushels, up one percent from October and 28 percent above 2003. If realized, this would be the largest U.S. soybean crop on record. Based on November 1 conditions, yields are expected to average a record high 42.6 bushels per acre, up 0.6 bushel from October and 8.7 bushels above last year. Producers in the Corn Belt, Michigan, Pennsylvania, Maryland, and the Carolinas are realizing higher yields than expected last month, while yield prospects decreased as harvest progressed in North Dakota and Minnesota. Area for harvest in the U.S. is forecast at 74.0 million acres, unchanged from last month but up two percent from 2003.

## CROPS ACREAGE & PRODUCTION, 2003-2004

Crop (Acres for harvest)	Illinois		United States	
	2003	2004	2003	2004
Acreage and production in thousands				
<u>Corn, Grain</u>				
Acres	11,050	11,550	71,139	73,311
Yield, bu.	164.0	180.0	142.2	160.2
Production	1,812,200	2,079,000	10,113,887	11,740,920
<u>Soybeans</u>				
Acres	10,260	9,850	72,476	73,990
Yield, bu.	37.0	50.0	33.9	42.6
Production	379,620	492,500	2,453,665	3,150,441
<u>Sorghum, Grain</u>				
Acres	105	95	7,798	6,559
Yield, bu.	82.0	109.0	52.7	71.9
Production	8,610	10,355	411,237	471,572
<u>Winter Wheat, Grain</u>				
Acres	810	900	36,753	34,462
Yield, bu.	65.0	59.0	46.7	43.5
Production	52,650	53,100	1,716,721	1,499,434
<u>Oats, Grain</u>				
Acres	50	35	2,220	1,807
Yield, bu.	89.0	70.0	65.0	64.5
Production	4,450	2,450	144,383	116,505
<u>Alfalfa Hay</u>				
Acres	425	400	23,578	22,226
Yield, tons	4.10	4.60	3.24	3.48
Production	1,743	1,840	76,307	77,371
<u>All Other Hay</u>				
Acres	350	350	39,764	39,363
Yield, tons	2.80	2.60	2.03	2.25
Production	980	910	80,816	88,549
<u>Apples</u>				
Mil. lbs.	52.5	56.0	8,613.3	9,458.9
<u>Peaches</u>				
Mil. lbs.	20.5	22.0	2,519.0	2,598.4
<u>Snap Beans 1/</u>				
Acres	16,200	11,700	188,300	174,500
Yield, tons	3.38	3.70	3.84	4.22
Production	54,680	43,290	723,160	736,430
<u>Sweet Corn 1/</u>				
Acres	2/	2/	424,300	410,900
Yield, tons	2/	2/	7.66	7.38
Production	2/	2/	3,249,260	3,032,270

1/ Contract for processing only. Acreage and production are not in thousands. 2/ Not published.

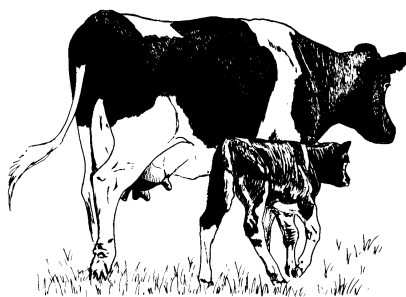
## ILLINOIS DISTRICT ESTIMATES

## CORN, 2003-2004

District	Acres planted		Acres for grain		Yield		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	1,000 acres		1,000 acres		Bushels		1,000 bushels	
Northwest	1,820	1,785	1,795	1,762	166	182	297,967.2	320,684
Northeast	1,047	1,105	1,034	1,089	163	177	168,556.7	192,753
West	1,104	1,166	1,092	1,153	174	188	190,008.1	216,764
Central	1,568	1,622	1,554	1,606	183	185	284,385.2	297,110
East	1,583	1,632	1,572	1,612	169	181	265,650.3	291,772
West Southwest	1,592	1,673	1,573	1,651	174	192	273,698.5	316,992
East Southeast	1,483	1,561	1,461	1,538	152	170	222,070.8	261,460
Southwest	487	507	470	498	118	161	55,465.7	80,178
Southeast	516	649	499	641	109	158	54,397.5	101,287
<b>ILLINOIS</b>	<b>11,200</b>	<b>11,700</b>	<b>11,050</b>	<b>11,550</b>	<b>164</b>	<b>180</b>	<b>1,812,200.0</b>	<b>2,079,000</b>

## SOYBEANS, 2003-2004

District	Acres planted		Acres for harvest		Yield		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	1,000 acres		1,000 acres		Bushels		1,000 bushels	
Northwest	1,138	1,155	1,134	1,151	32	52	36,288	59,852
Northeast	865	817	860	812	34	50	29,240	40,600
West	930	884	928	879	42	53	38,976	46,587
Central	1,317	1,272	1,315	1,268	39	53	51,285	67,204
East	1,410	1,372	1,406	1,367	34	52	47,804	71,084
West Southwest	1,360	1,292	1,356	1,286	43	51	58,308	65,586
East Southeast	1,665	1,585	1,656	1,576	40	47	66,240	74,072
Southwest	867	854	864	849	33	45	28,512	38,205
Southeast	748	669	741	662	31	44	22,967	29,310
<b>ILLINOIS</b>	<b>10,300</b>	<b>9,900</b>	<b>10,260</b>	<b>9,850</b>	<b>37</b>	<b>50</b>	<b>379,620</b>	<b>492,500</b>



## MILK PRODUCTION

Milk production in Illinois totaled 154 million pounds in September 2004, a one percent decrease from September 2003. Milk per cow averaged 1,440 pounds, 20 pounds more than last year. The number of milk cows on farms during September 2004 was down two percent to 107,000.

Estimated milk production in the United States during September 2004 totaled 13.6 billion pounds, up one percent from September 2003. The production per cow averaged 1,507 pounds, 21 pounds more than last year. The number of milk cows on farms was down 23,000 head from September 2003, to 9.038 million head.

## MILK PRODUCTION: ILLINOIS &amp; UNITED STATES, SEPTEMBER 2003-2004

		September					
		Illinois			United States		
		2003	2004	2004 as % of 2003	2003	2004	2004 as % of 2003
Milk Production:							
Number of milk cows	Head (000)	109	107	98	9,061	9,038	100
Milk production per cow	Lbs.	1,420	1,440	101	1,486	1,507	101
Total milk production	Mil. lbs.	155	154	99	13,468	13,621	101

# AGRICULTURAL PRICES

The October index of prices received by Illinois farmers for all commodities was at 116 percent of the base, down five points from the revised September figure and three points below October 2003. The current year's base is computed by multiplying the average production for the five-year period by the average price for each year. These five years are summed and then divided by five to arrive at an average (base) for the period. The current five-year average production is then multiplied by the current price and divided by the average for the five years to arrive at the current index. The October All Crops index, at 107 percent of the base, was eight points lower than the revised September number, and ten points below September 2003. All crop prices decreased from last month, except wheat. The All Livestock index, at 145 percent of the base, was up three points from the revised September figure. Prices for all hog categories increased while the cattle livestock commodities either fell or remained unchanged from last month. The hog-corn ratio was at 27.9.

The U.S. preliminary All Farm Products Index of Prices Received by Farmers in October was 111, based on 1990-92=100, four points below the September Index. Declines occurred in both the Crop Price Index and the Livestock Price Index. The Crop Index declined six points from September while the Livestock Index decreased one point. Producers received higher commodity prices for lettuce, tomatoes, oranges, grapes, and cucumbers. Lower prices were received for corn, soybeans, hogs, broilers, and potatoes. The seasonal change in the mix of commodities farmers sell, based on the past three-year average, also affects the overall index. Increased average marketings of soybeans, corn, and cotton offset decreased marketings of dairy, grapes, and sweet corn. The preliminary All Farm Products Index was down two points from October 2003.

INDEX OF PRICES RECEIVED BY FARMERS				
Commodity	Sept. 2003	Oct. 2003	Sept. 2004	Oct. 15, 2004
<b>ILLINOIS</b>				
	1997-2001=100		1998-2002=100	
All Farm Products	114	119	121 *	116
All Crops	113	117	115 *	107
Food grains	140	132	112 *	111
Feed grains/hay	109	106	112 *	102
Soybeans	116	130	120 *	113
All Livestock	119	124	142 *	145
Meat animals	122	128	148 *	151
Dairy products	105	107	114 *	114
<b>UNITED STATES</b>				
	1990-92=100			
All Farm Products	111	113	115 *	111
All Crops	111	111	112 *	106
Food grains	110	111	114 *	115
Feed grains/hay	100	96	100 *	87
Oilseeds	97	111	95 *	89
All Livestock	110	116	118 *	117
Meat animals	108	115	119 *	118
Dairy products	111	115	118 *	119
Prices Paid	128	129	134 *	134
Parity Ratio 1/	87	88	86 *	83

1/ Prices received index divided by prices paid index.

\* Revised.

## PRICES RECEIVED BY FARMERS 1/

Commodity	Unit	Illinois				United States			
		Sept. 2003	Oct. 2003	Sept. 2004	Oct. 15, 2004	Sept. 2003	Oct. 2003	Sept. 2004	Oct. 15, 2004
		Dollars							
Corn	Bushels	2.18	2.13	2.20 *	2.00	2.20	2.12	2.20 *	1.89
Soybeans	Bushels	6.06	6.57	5.91 *	5.40	6.06	6.60	5.84 *	5.07
Sorghum	Cwt.	3.82	4.07	3.21 *	3.00	3.97	3.98	3.59 *	3.06
Wheat, all	Bushels	3.39	3.30	2.73 *	2.90	3.39	3.44	3.36 *	3.38
Oats	Bushels	1.81	2.02	1.55 *	1.50	1.39	1.44	1.44 *	1.37
Hay, all baled	Tons	84.00	83.00	87.00	82.00	82.10	83.70	87.70 *	89.80
Alfalfa hay, bld	Tons	90.00	92.00	92.00	90.00	86.70	89.10	95.50 *	97.80
Other hay, bld	Tons	67.00	70.00	71.00	69.00	68.20	69.20	65.70 *	68.60
Hogs, all	Cwt.	43.30	40.10	54.30 *	55.80	39.70	36.70	54.80 *	51.40
Barrows, Gilts	Cwt.	44.50	41.00	55.50 *	57.00	40.10	37.00	55.40 *	52.10
Sows	Cwt.	30.00	30.00	41.00	42.00	30.80	31.40	42.20 *	42.10
Beef cattle	Cwt.	89.10	101.00	81.40 *	81.40	84.90	91.50	85.80 *	86.40
Cows	Cwt.	44.00	48.00	52.30	50.50	44.80	44.60	53.10 *	50.40
Steers, Heifers	Cwt.	90.00	102.00	82.00 *	82.00	89.30	97.80	89.30 *	91.10
Calves	Cwt.	104.00	108.00	121.00	118.00	109.00	112.00	129.00 *	127.00
Milk cows	Head	<u>2</u> /	1,360.00	<u>2</u> /	1,620.00	<u>2</u> /	1,380.00	<u>2</u> /	1,640.00
Milk, all	Cwt.	14.20	14.90	16.20 *	16.30	14.50	15.00	15.40 *	15.50
Milk, fluid	Cwt.	14.20	14.90	16.20	<u>3</u> /	14.50	15.00	15.40 *	15.50
Milk, mfg.	Cwt.	13.90	14.50	15.40	<u>3</u> /	14.10	14.60	14.60 *	14.40
Hog-corn ratio		19.9	18.8	24.7 *	27.9	18.0	17.3	24.9 *	27.2

1/ Prices received represents the average of all grades or classes at point of first sale and should not be confused with market quotations.

2/ Estimated in January, April, July and October.

3/ State prices not published.

\* Revised.

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## BIOTECHNOLOGY VARIETIES

### CORN & SOYBEAN BIOTECHNOLOGY VARIETIES, PERCENT OF ALL ACRES PLANTED: ILLINOIS & UNITED STATES, 2000-2004

	Corn				Soybeans	
	Insect Resistant (Bt)		All Biotech Varieties		Herbicide Resistant	
	Illinois	U.S.	Illinois	U.S.	Illinois	U.S.
	Percent					
2000	13	18	17	25	44	54
2001	12	18	16	26	64	68
2002	18	22	22	34	71	75
2003	23	25	28	40	77	81
2004	26	27	33	45	81	85

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